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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/153,577	09/15/1998	DANIEL J. ZIGMOND	3382-50875/S	5732
26119	7590	12/04/2006	EXAMINER	
KLARQUIST SPARKMAN LLP 121 S.W. SALMON STREET SUITE 1600 PORTLAND, OR 97204			PEYTON, TAMMARA R	
			ART UNIT	PAPER NUMBER
			2182	

DATE MAILED: 12/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/153,577

Applicant(s)

ZIGMOND ET AL.

Examiner

Tammara R Peyton

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 September 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) See Continuation Sheet is/are pending in the application.
- 4a) Of the above claim(s) 21,22,24,52055,57-59,82-101, 104 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 6,13,15,16,25,26,28,30-35,38-41,43-51,62-66,68,69,71-73,75-81,102 and 103 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

Continuation of Disposition of Claims: Claims pending in the application are 6,7,11-13,15,16,21,22,24-26,28,30-35,38-41,43-55,57-59,61-69,71-73 and 75-104.

Continuation of Disposition of Claims: Claims subject to restriction and/or election requirement are 6,7,11-13,15,16,21,22,24-26,28,30-35,38-41,43-55,57-59,61-69,71-73 and 75-101.

DETAILED ACTION***Response to Restriction Argument***

Applicant argues that Group I, II, III, IV are not patentably distinct and are not a burden. Examiner disagrees with Applicant. Invention II has separate utility such as "responsive to a second further indication of viewer interest adding identifying data for said page of supplementary data into a favorites folder" and Invention III has a separate utility such as "if the subsequent logical address link data does match any of the at least some previous logical address link data skips display of the icon during the display of the television programming", and Invention IV has a separate utility such as "a log; displaying at least part of the log; and in response to user selection of the added data in the displayed log, re-displaying said page of supplementary data." Inventions I-IV are patentably distinct. Applicant's arguments are not persuasive and the restriction rejection is maintained.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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Claims 6, 13, 15, 16, 25, 26, 28, 30-35, 38-40, 41, 43, 44-51, 62-66, 68, 69, 71-73, 75-77, 78-81, 102, and 103 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shoff et al., (US 6,240,555) cited as prior art 03/05/04 and Schein et al., (US 6,002,394).

As per claims 6, 15, 16, 28, 30, 35, 45, 46, 49, 62, 66, 71, 72, 78, and 81, Shoff teaches a method of operating a screen to transition between display of a televised signal and display of auxiliary data from an auxiliary data network that delivers data apart from the television signal, comprising:

- displaying a television signal; (Fig. 6)
- in response to link data conveyed with the televised signal, displaying with the displayed television signal an icon, said icon indicating the availability of associated auxiliary data from the auxiliary data network; (Figs. 6, 7)
- responsive to a signal from a viewer during the displaying the icon, displaying a graphical control panel operable by the viewer to cause display of the auxiliary data associated with the icon. (Abstract, cols. 2-14)

Shoff teaches a display (200, Fig. 8a) with an icon 204 wherein if a viewer selects the newly display icon then an information panel showing available interactive content associated with the icon is displayed (Fig. 8c). Shoff teaches displaying the information panel along with the current program (200) and the available interactive content (soft

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buttons 212-221). (Fig. 8b) Shoff teaches that the soft button present various control options to the viewer to invite interactive involvement with the current program. (col. 11) Shoff also teaches the soft button 221 is a quit button, which allows the viewer to leave the interactive mode and return to watching the current program. Shoff teaches that soft buttons 218-220 enable selection of different types of supplemental content. Shoff teaches simultaneously displaying both the information panel and the available interactive content. However, Shoff is silent in respect to having an information panel being displayed before displaying of the auxiliary data.

Schein teaches a system and method for linking television user/viewer with broadcasters or advertisers during the broadcast of a commercial or television program. Schein teaches during a specific commercial or television program, for example a sporting program, one or more icons are displayed on the television screen for the user to click on. The icon could represent activating the television guide or the icon could represent a commercial sponsor related to the real-time broadcast. (Schein, col. 20, lines 29-57)

Schein teaches in one embodiment that during the television program an icon will appear on the television screen and in order for the user to access information related to the newly displayed icon the user must click on the icon to activate the television guide display panel. (col. 20, 29-45) Example of the television guide display panel is shown in Figs. 16-21. The television guide display panel provides the user with several

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options to choose from. For example, one of the options is to exit the television guide display panel and return to watching the television or commercial program. Another option is to activate another program guide that displays related channels and further an option to service links including accessing the Internet or to a special database (3 – linked, Fig. 17b) linked to the program. (col. 21-25) Schein discloses that when an icon is selected “the viewer can move a cursor or other visual indicator to the television guide icon and click thereon to open up the television guide...”, col. 20, lines 34-38. Schein specifically teaches activating the television guide and the display of the television guide is explained in Figs. 16-21 – specifically Fig. 17b that shows in the information screen area the choices given to the user. Schein does not clearly teach directly retrieving the additional data after the icon is selected but activating the television guide and displaying the information screen thereby giving the user a choice. One option is to return to the program and additional option (3) is to receive linked data. Examiner is taking the position that the sequence in which Schein discloses in regards to the user selecting the icon is further explained in the subsequence figures 16-21 that detail the functions and options related to the television guide. In every instance, the television guide is first displayed and the user is giving several options before additional information is retrieved.

Examiner is taking the position that Schein teaches an embodiment that during the television program an icon will appear on the television screen and the user must click on the icon to activate the television guide display panel. One of the options on the

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television guide display panel is to exit the television guide display panel and return to viewing the television program and another option allows the user to retrieved additional information.

Shoff and Schein draw to the same conclusion of displaying information associated with the current televised content, therefore, it would have been obvious to one of ordinary skill at the time the invention was made to implement Schein's television guide display panel options to Shoff thereby allowing a user to return to viewing the televised content after clicking an 'icon' displayed during a television or commercial program and activating a television guide display panel wherein one of a plurality of options includes exiting the display panel and returning to television program and another option is displaying the television guide and then allows the user to retrieved additional information. Doing so would improve the look and feel of Shoff's information panel by providing a two-step process that allows the user to display and exit the information panel before additional information is retrieved.

As per claim 33 and 34, Shoff teaches of receiving and showing an icon at a predetermined time as it relates to a specific program or channel, it is obvious that after the specific program has ended that the particular icon related to the show is removed from the screen.

As per claim 13, 79, Shoff teaches displaying in the graphic control panel a

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title of the auxiliary data (get info) associated with the icon. Schein obviously teaches display the title of the auxiliary data associated with the icon.

As per claim 38, and 80, Shoff teaches that responsive to a second signal from the viewer during the displaying of the graphical control panel display the auxiliary data.

As per claims 25, 26, 47, 48, 62, and 69, Shoff-Schein discloses receiving the auxiliary data and television signal and seeing if they can be identified by the system's memory and recalling at least part of the memory for displaying to the screen. Further both Shoff-Schein discloses displaying at least part of the log and retrieving and displaying the additional information.

As per claims 31, 32, 39, 50, 63, and 68, Shoff-Schein obviously teaches that the icon is translucent in order to not inhibit viewer's program during the broadcast.

As per claims 40, 51, 64, 73, and 75, Shoff-Schein specifically teaches having a progress indicator indicating progress of retrieval of the auxiliary data. However, it would have been obvious to one of ordinary skill for Shoff-Schein to implement an indication to the viewer when the retrieval of auxiliary data would be displayed to the viewer, doing so would further expand the flexibility of Shoff-Schein's interactive display system.

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Claims 41, 43, 44, 65, 76, 77, are rejected under 35 U.S.C. 103(a) as being unpatentable over Shoff et al., (US 6,240,555) cited as prior art 03/05/04 and Schein et al., (US 6,002,394) as applied to claims 6, 15, 16, 28, 30, 35, 45, 46, 49, 62, 66, 71, 72, 78, and 81 above, and further in view of Hidary et al., as previously cited as IDS – 05/24/02.

As per claims 41, 43, 44, 65, 76, and 77, Shoff-Schein teaches of displaying the icon for a limited amount of time and if the user does not respond disabling the icon from the screen. However, Shoff-Schein does not expressly teach that in response to subsequent link data, skipping displaying the icon at least in part upon result of comparing the subsequent link data to at least some previous link data. However, it would have been obvious to one of ordinary skill that Shoff-Schein would have been motivated to limit the number of times an icon is shown during a particular broadcast if the user did not respond the first time. Furthermore, Schein teaches wherein the television guide display panel provides the user with several options to choose from. One of the options includes adding the selected programs to a favorites list. Schein also gives the user the ability to store certain link data in a memory.

Nonetheless, Hidary teaches a PC/TV computer system method that embeds URLs with incoming television signals wherein the user is able to watch a television program and related URLs are display to the user at appropriate times on the screen. (col. 5, lines 41-45) Hidary specifically teaches comparing at least some previously

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received URLs (link data) to currently received URLs (link data) and subsequent URLs.

(Fig.3) If the current link data was previously received Hidary teaches skipping this previously received URL. (Hidary, col. 1, lines 61 – col. 6, lines 1-57) Further Hidary teaches comprising logs of previously received URLs and in response to the user selection, retrieving and displaying the additional information from the URLs list.

(Hidary, col. 5, lines 46-59)

One of ordinary skill in the art at the time the invention was made would readily recognize that Shoff-Schein would have been motivated to implement Hidary's teachings of making a record of the previously received link data and skipping currently received link data to be display to the user at appropriate times if it was determined that the link data was previously received because implementing such a method would ensure that the user's television broadcast would not be unduly interrupt.

As per claims 102 and 103, 102, Shoff-Schein teaches wherein the television signal has a standard NTSC format and wherein the television signal is received over a transport mechanism selected from the group consisting of broadcast, cable, and satellite. Shoff-Schein do not teach SECAM, PAL, or HDTV formats, however, official notice is taken that these broadcast television formats are well known in the art and it would have been obvious to one of ordinary skill at the time the invention was made that implementing those format other than the NTSC format would not depart from the Shoff-Schein inventive concept; and further, Shoff-Schein would have been motivated

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to incorporate other types of method because doing so would allow channels of television content to be multiplexed and transmitted over a common transmission medium.

Conclusion

Applicant's amendment filed 02/21/06 and new claims 102 and 103 filed 6/01/06 necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL.** See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tammara Peyton whose telephone number is (571) 272-4157. The examiner can normally be reached between 6:30 - 4:00 from Monday to Thursday, (I am off every first Friday), and 6:30-3:00 every second Friday. If attempts to

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reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Huynh can be reached on (571) 272-4147. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-2100.

Mailed responses to this action should be sent to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231.

Faxes for Official/formal (After Final) communications or for informal or draft communications (please label "PROPOSED" or "DRAFT") sent to:

(571) 273-8300

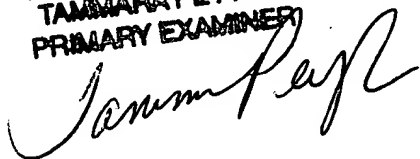
Hand-delivered responses should be brought to:

USTPO, Randolph Building, Customer Service Window

401 Dulany Street

Alexandria, VA 22314.

TAMMARA PEYTON
PRIMARY EXAMINER



Tammara Peyton

November 27, 2006